



Express Mail No: EV673966201US

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

Applicants: John L. Schenk and Allison C. Lindsey  
Application Number: 10/522,320  
Filed: October 17, 2005  
Title: Sperm Cell Process System  
Assignee: XY, Inc.  
Attorney Docket: XY-Optimum-USNP  
Customer No. 33549

**SECOND PRELIMINARY AMENDMENT**

**I. INTRODUCTORY REMARKS**

Prior to the examination of the above application, please amend this application as follows:

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 15 of this paper.

Assignee notes that claims 39-87 have been canceled, claims 89-121 have been added, and claims 1-38 and 88-121 are pending in the application. This amendment is presented as a bona fide attempt to comply with the revised 37 C.F.R. §1.121.